

U.S. Department of Commerce, Patent and Trademark Office	Application No.: 09/500,380
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing date: February 8, 2000
FEB 15 2001	Inventors: Kenneth E. Knapp et al.
Narrow Track Pole Tips for Electromagnetic Transducers	Group Art Unit: Unknown 2652
	Examiner name: Unknown C. Rennev
	Attorney Docket No. RR-1645

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date, If Appropriate
CAR	AA	5,459,099	10/17/95	Hsu	437	180	
CAR	AB	5,559,654	9/24/96	Das	360	126	
CAR	AC	5,621,596	4/15/97	Callahan Santini	360	126	
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	AI						
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Foreign Patent Documents

		Document	Date	Country	Class	Subclass	Translation	Yes	No
	AL								
	AM								

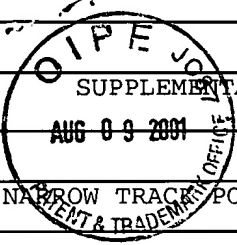
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CAR	AN	Karpov et al., "Patterning of Vertical Thin Film Emitters in Field Emission Arrays and their Emission Characteristics," 9 th International Vacuum Microelectronics Conference, St. Petersburg 1996, pp. 501-504.
CAR	AO	Tsutsumi et al., "Fabrication Technology of Ultrafine SiO ₂ Masks and Si Nanowires using Oxidation of Vertical Sidewalls of a Poly-Si Layer," Journal of Vacuum Science Technology B, Vol. 17, No. 1, Jan/Feb 1999, pp. 77-81.
CAR	AP	Ishi et al., "Highly Defined Narrow Track Write Heads Fabricated by Focused Ion Beam Trimming with the Al ₂ O ₃ Refilling Process," IEEE Transactions on Magnetics, Vol. 35, No. 5, September 1999, pp. 2541-2543.
CAR	AQ	Khizroev et al., "Recording Heads with Track Widths Suitable for 100 Gbit/in ² Density," IEEE Transactions on Magnetics, Vol. 35, No. 5, September 1999, pp. 2544-2546.
	AR	

Examiner *C. Rennev*

Date Considered 3-13-2002

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Group Art Unit: 2658 2652
NARROW TRACK POLE-TIPS FOR ELECTROMAGNETIC TRANSDUCERS		Examiner Name: Unknown E. Renner
		Attorney Docket No. RR-1645

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date, If Appropriate
CAR	AA	6,043,960	3/28/00	Chang et al.	360	126	
CAR	AB	6,054,023	4/25/00	Chang et al.	204	192.2	
CAR	AC	6,111,724	8/29/00	Santini	360	126	
CAR	AD	6,172,848	1/9/01	Santini	360	126	
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner

E. Renner

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